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Inductive logic on conceptual spaces

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Propositions belonging to the PhD dissertation

INDUCTIVE LOGIC ON CONCEPTUAL SPACES

by Marta Sznajder

1. The axioms of Carnapian inductive logic do not justify induction.
2. Carnaps geometric rationality constraints are an application of the Principle of Indifference to the attribute spaces.
3. Conceptual spaces can be used as attribute spaces in a conceptual framework.
4. Inductive reasoning can be successfully applied to representations on the conceptual level.
5. There are two ways in which analogy by similarity of predicates is understood in inductive logic.
6. The problem of incommensurability of scientific theories is not dissolved by the theory of conceptual spaces.
7. Induction cannot be justified.